

DBI Services
Integrated Pest Management Plan

IPM Plan Effective Dates:	June 2014 – July 2014
Management Area Name/Location:	White Pass & Yukon Route / Skagway, AK
General Site Description:	Along railway located on state owned land/right of ways.
Land Uses:	WPYR Scenic Railway
Name of Person in Charge:	Gabe Davis
Certified Applicator Name(s):	Chad Ruffing
Certification Numbers:	9531-1404-9

1. Action Thresholds

Check the types or categories of pests that might present a problem or need to be controlled at this management site:

✓	Category
✓	Vegetation
	Insects
	Fungus
	Rodents
	Other (describe below)

For each pest category listed above, describe the level at which the pest becomes a problem which requires control measures to be taken.

- Vegetation along the railroad's right of ways will be controlled to reduce fire hazards and increase public safety.

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2. Monitor and Identify Pests

How often will the management area be inspected for the presence of pests?

The initial inspection took place in August of 2013 to assess the amount of weeds along the right of ways.

The post application inspections, for controlled results, will take place 30 days after initial application.

Bi-annual inspections will occur after the initial application takes place to monitor continuing results.

Which locations will be inspected?

The entire railroad right of way will be inspected to confirm desired control results have been met.

What methods will be used for identifying and quantifying the presence of pests?

Visual inspections will be used for observing any noxious weeds within the railroad's right of way before and after the application.

How will pest species be identified?

All pest species will be targeted with selective, state approved herbicides, within the railroad right of way.

Describe record keeping procedures:

Detailed, Daily Activity Reports, (DARs) will be updated by the operator, or inspector, during each application and inspection.

DARs contain detailed information including the following; equipment type, herbicide with EPA #, weather conditions, time and date of application, operator license information, type of application, rate of application, location of application, total acres of application, state license #, company contact information, customer contact information, species and density of plant material.

DARs will be filled out during inspections to log results, observations, and recommendations.

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3. Prevent Pests

For each pest category listed under Section 1, describe preventative measures that will be taken:

Vegetation will be controlled by pre-emergent and post-emergent herbicides that target specific species of plants and control current, and future, growth within the railroad's right of way.

How often will preventative measures be applied?

One application will occur annually with bi-annual inspections to monitor results.

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4. Control Measures

For each pest category listed under Section 1, list potential non-chemical control measures that may be used:

Cultural Controls:	Prescribed burns are not recommended along railroad right of ways based on narrow right of way widths and concern for loss of control of prescribed fires.
Mechanical Controls:	Vegetation along the railroad right of ways may be cut or mowed. These mechanical techniques are not cost, or time, effective and may increase build up of fire hazard biomass along the right of ways. Any mechanical operation may increase fire hazards with high rpm cutting or mowing equipment.

For each pest category listed under Section 1, describe the characteristics needed in any chemical controls that may be used:

Vegetation will be controlled by pre-emergent, and post-emergent, herbicides that offer some residual control to prevent future weed growth along the right of way.

For each pest category listed under Section 1, list potential chemical controls that may be used:

Target Pest	Product Name	EPA Registration Number
Vegetation	Aquamaster	524-343
Vegetation	Oust Extra	352-622

Describe how treated areas will be re-inspected and evaluated for effectiveness of controls:

Bi-annual inspections will occur along the railroad's right of way to ensure proper control has occurred and weed growth has been slowed or stopped.